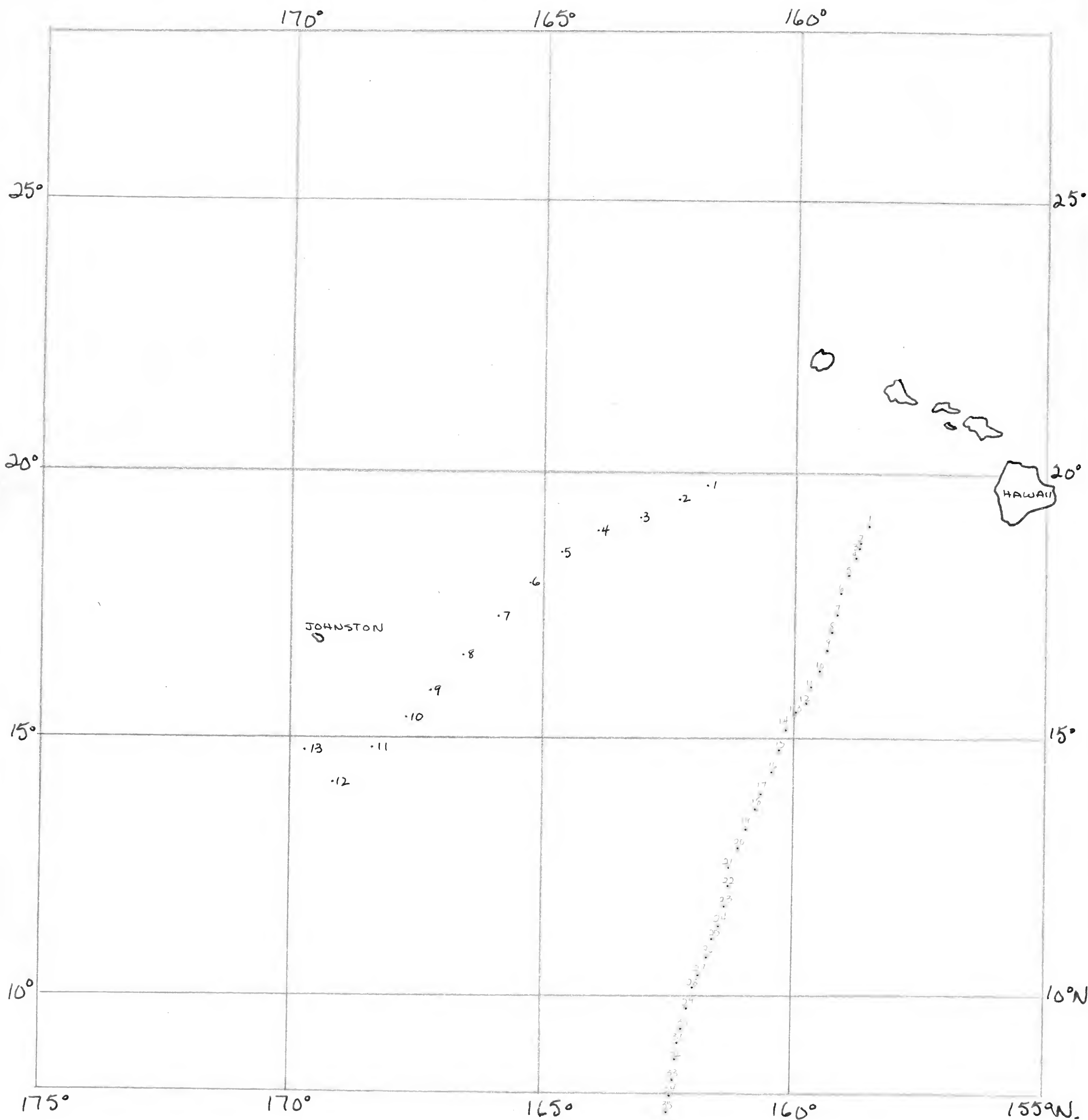


SMITHSONIAN CRUISE #95 - OCT.  
SEPT. 29, '64 to OCT. 4, '64

BT STATIONS

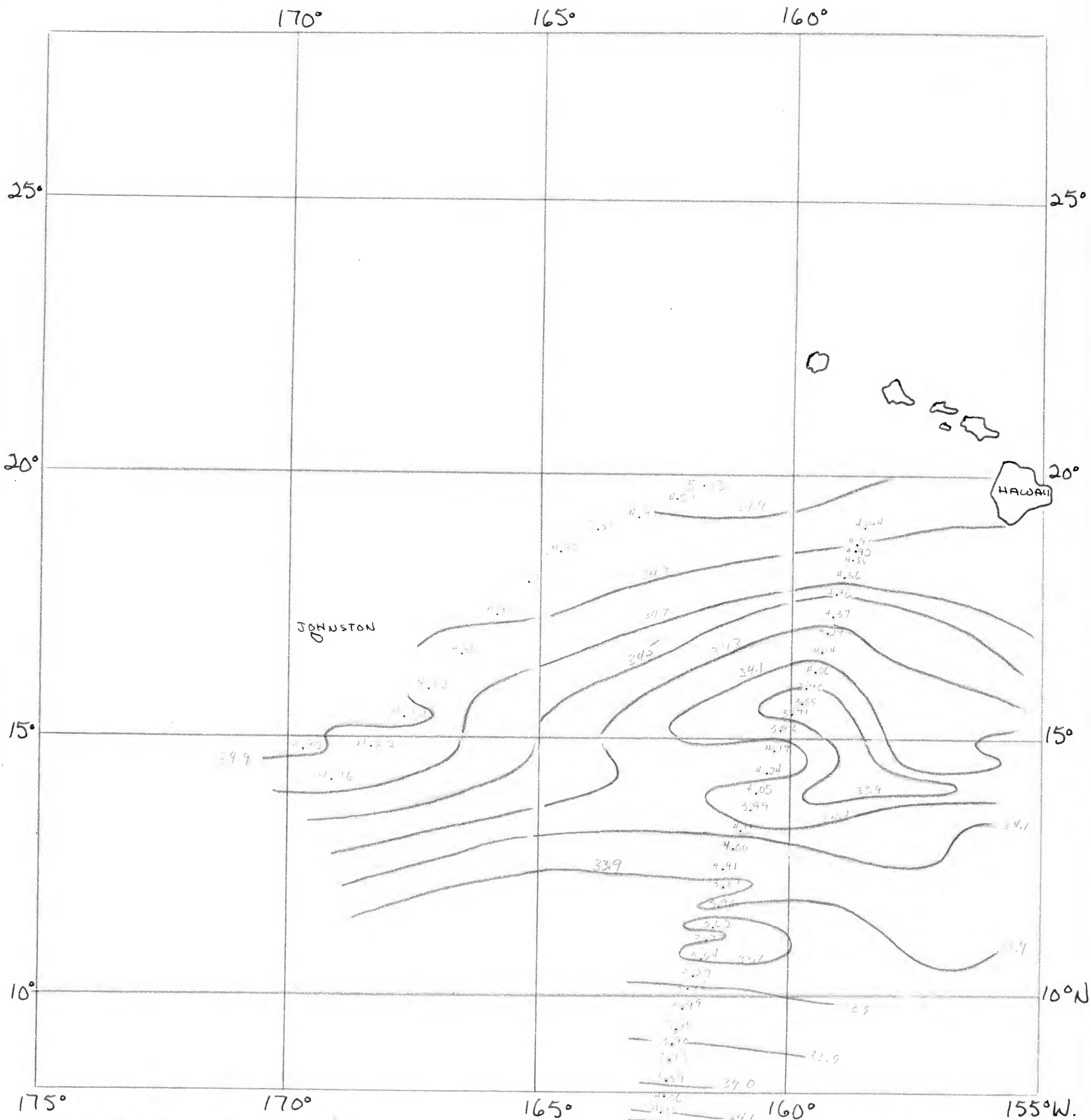


GILBERT CR. #76

THIS SECTION BT STATIONS

9-23-64 to 9-30-64

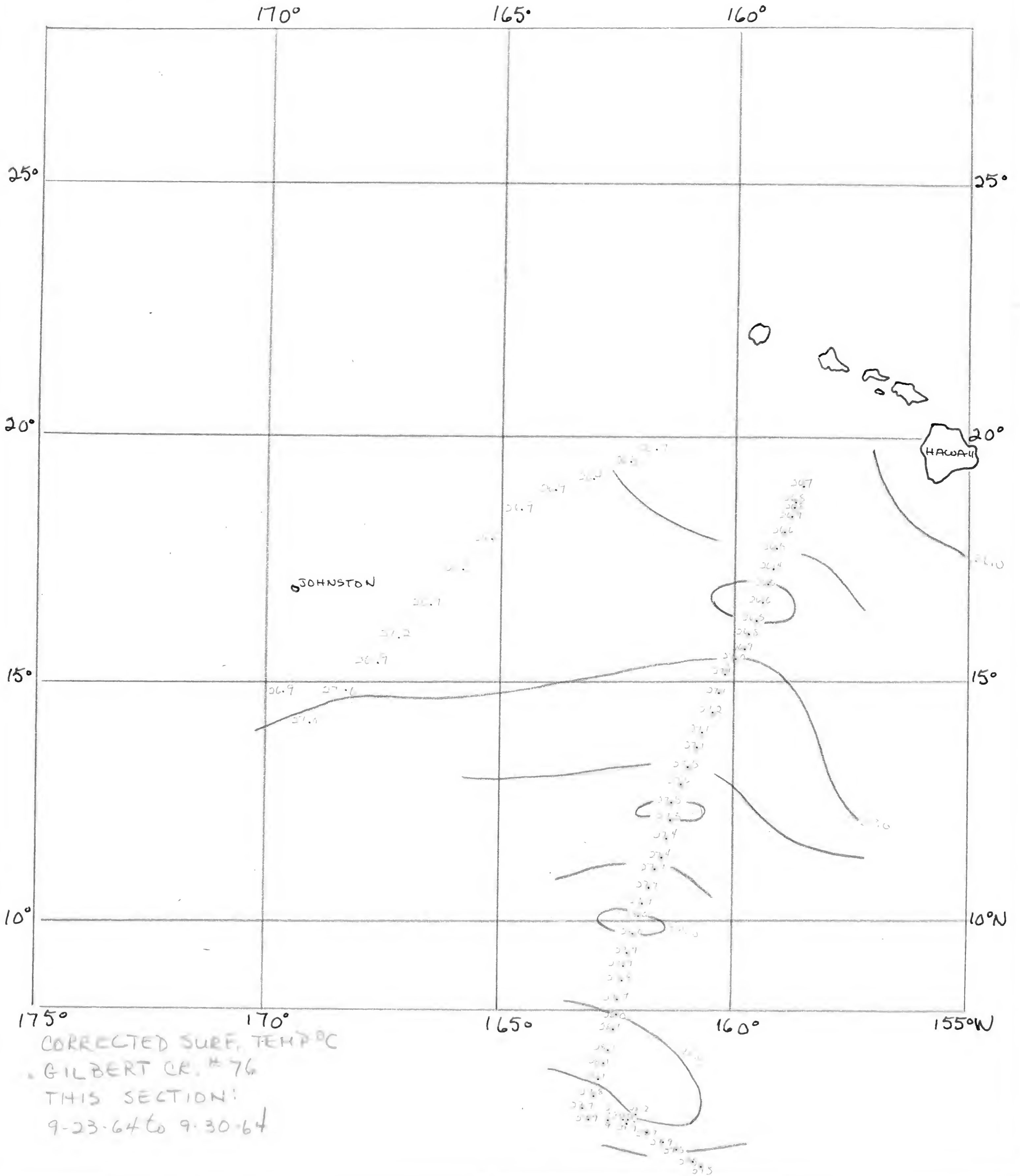
SURFACE SALINITY ‰



SURFACE SALINITY ‰  
• GILBERT CR. #76  
THIS SECTION:  
9-23-64 to 9-30-64

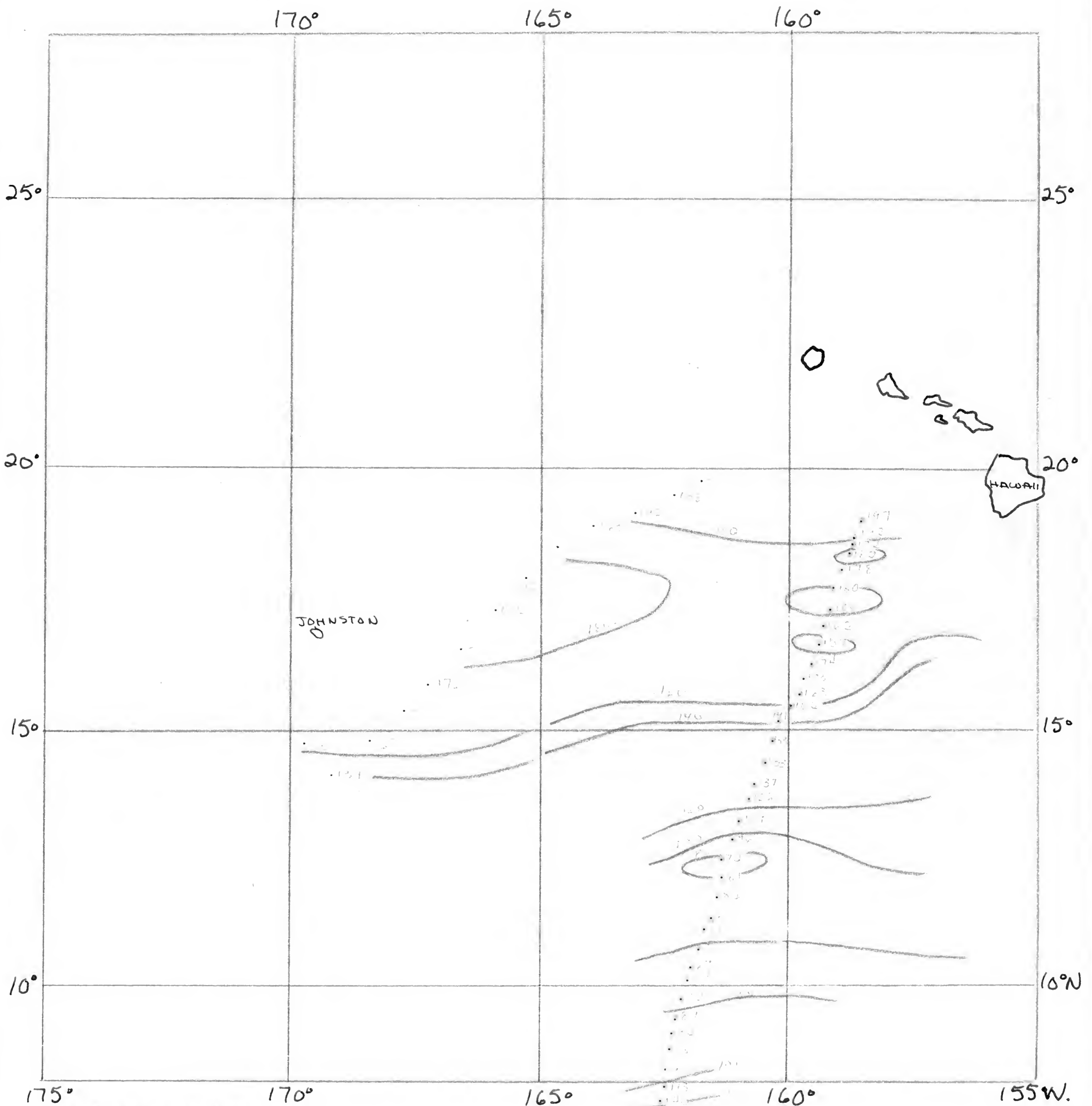
SMITHSONIAN CRUISE # 95 - OCT.  
 SEPT. 29, '64 To OCT. 4, '64

CORRECTED SURFACE  
 TEMP. °C.



SMITHSONIAN CRUISE #95 - OCT.  
SEPT. 29, '64 to OCT. 4, '64

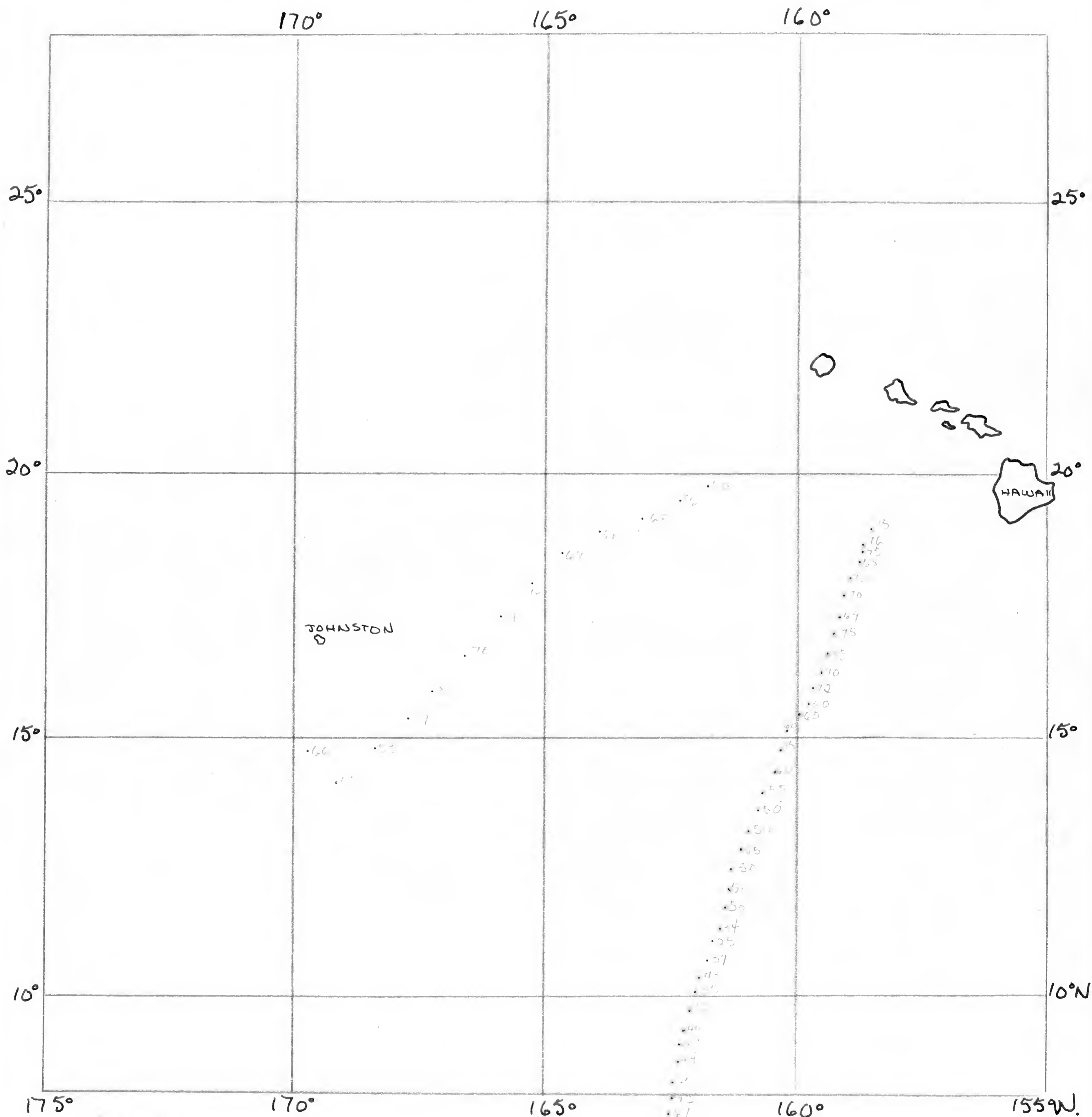
DEPTH OF THE 20°  
ISOTHERM



20° ISOTHERM - M.  
GILBERT CR. #76  
THIS SECTION!  
9-23-64 to 9-30-64

SMITHSONIAN CRUISE #95- OCT.  
SEPT. 29, '64 to OCT. 4, '64

DEPTH OF THE  
MIXED LAYER



D.M.L.  
GILBERT CR. #96  
THIS SECTION!  
9-23-64 to 9-30-64

SMITHSONIAN CRUISE # 95-OCT.

SEPT. 29, '64 to OCT. 9, '64

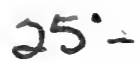
 $170^\circ$ 

165.

BUCKET TEMP. °C

BUCKET SALINITY ‰

160°



- 25 -

20.2

-20°

- 15 -

16-

 $-10^6 \text{ N}$ 

T C

5%

165.

170°

160° W

17° N. LAT. (AVER.)



	BT	ORT	Diff	Grd.	Sub.	
1	79.6	80.9	-1.2	-0.5	80.1	✓ 26.7°C
2	.2	79.5	-0.3		79.7	✓ 26.5
3	.1	.5	-0.4		.6	✓ 26.4
4	80.0	.3	-0.3		80.5	✓ 26.9
5	79.7	80.7	-0.8		.4	✓ 26.9
6	.7	.2	-0.5		.2	✓ 26.8
7	.7	.0	-0.3		.2	✓ 26.8
8	.7	79.7	+0.2		.4	✓ 26.9
9	80.4	80.9	-0.5		.9	✓ 27.2
10	.0	.7	-0.7		.5	✓ 26.9
11	.1	.6	-0.5		.6	✓ 27.0
12	.1	.7	-0.6		.6	✓ 27.0
13	.0	.4	-0.4	✓	.5	✓ 26.9



SMITHS. 95 (OCT)  
BT PH 438 A

Smithsonian cruises hydrographic data

Cruise number	Station number	LZT	Time and date			Lat.	N-S	Long.	E-W	Depth in m	Salinity o/oo	Water temp °C	BT station number
95 BT PH 438	1	1300	29	IX	1964	19° 45'	N	161° 48'	W	1	35.03	27.2	1
	2	1900				19° 30'		162° 20'			34.87	26.4	2
	3	0100	30	IX	1964	19° 09'		163° 08'			34.91	26.4	3
	4	0700				18° 58'		163° 53'			35.01	26.3	4
	5	1300				18° 30'		164° 38'			34.92	27.1	5
	6	1900				17° 53'		165° 17'			34.91	26.8	6
	7	0100	1	X	1964	17° 15'		165° 55'			34.93	26.7	7
	8	0700				16° 34'		166° 36'			34.86	26.5	8
	9	0730				16° 31'		166° 39'			34.54	26.5	-- heavy rain
										7	34.45	26.2	during
										12	34.34	26.2	sampling
										21	34.45	26.2	
										123	34.23	24.4	
	10	1300				15° 54'		167° 17'		1	34.85	27.2	9
	11	1900				15° 25'		167° 45'			34.92	27.1	10
	12	0100	2	X	1964	14° 48'		168° 24'			34.82	27.0	11
	13	0700				14° 07'		169° 10'			34.76	27.1	12
	14	0700				14° 07'		169° 10'			34.75	27.1	--
										4	34.77	27.3	
										9	34.77	27.2	
										18	34.87	27.2	
										117	35.05	24.4	
	16	0100	4	X	1964	14° 45'		169° 44'		1	34.92	26.9	13
	18	0700				15° 01'		169° 27'			34.93	27.4	--
										5	34.95	27.3	
										10	34.93	27.3	
										20	34.92	27.3	
										120	34.92	25.2	
	29	0700	5	X	1964	13° 40'		172° 45'		1	34.70	27.3	
										8	34.69	27.5	
										17	34.70	27.5	
										24	34.70	27.4	
										123	34.77	26.1	

Smithsonian cruises hydrographic data

Cruise number	Station number	LZT	Time and date			Lat.	N-S	Long.	E-W	Depth in m	Salinity o/oo	Water temp °C	BT station number
			day	month	year								
95	40	0730	6	X	1964	16° 06'	N	171° 06'	W	1	34.90	27.2	--
										6	34.93	27.4	
										12	34.88	27.3	
										24	34.89	27.4	
										128	34.99	24.5	
	51	0700	7	X	1964	15° 00'		173° 11'		1	34.79	27.4	
										4	34.77	27.5	
										9	34.77	27.4	
										18	34.77	27.5	
										117	34.92	25.3	
	62	0730	8	X	1964	16° 34'		172° 50'		1	34.73	27.3	
										4	34.76	27.3	
										9	34.58	27.3	
										17	34.50	27.3	
										115	34.86	25.2	
	69	0700	9	X	1964	16° 57'		170° 20'		1	34.96	27.3	
										6	34.93	27.3	
										11	34.94	27.2	
										23	34.94	27.3	
										124	34.92	27.1	